

ABSTRACT OF THE DISCLOSURE

An optical communication system that includes a multi-channel post amplifier assembly with flexible output configurations for amplifying optical-to-electrical converted signals on selectable groups of amplifier channels is provided. The post amplifier assembly, when implemented on a single IC chip, is capable of operating with either the 2.5V or 3.3V of power supply. In addition, the IC chip containing the post amplifier assembly provides capability to selectively turn off one or more post amplifier channels during operation. Further, the post amplifiers provide integral auto zero function without requiring a use of external capacitors.